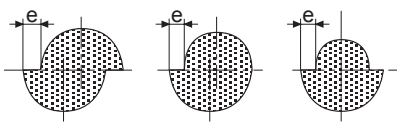
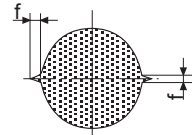
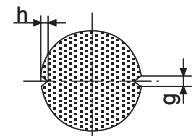
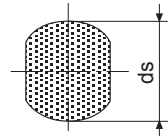
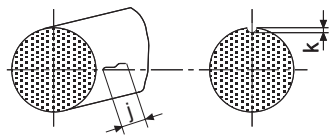
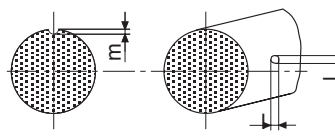


Types of deviations	Cross sections in principle	Size	Type Characteristic N					Type Characteristic S				
			ds (mm) (DIN 3771 parte 1)					ds (mm) (DIN 3771 parte 2)				
			1,80	2,65	3,55	5,30	7,00	1,80	2,65	3,55	5,30	7,00
Maximum Size												
Offset and form deviations		e	0,08	0,10	0,13	0,15	0,15	0,08	0,08	0,10	0,12	0,13
Bear, burr, offset combined		f	0,10	0,12	0,14	0,16	0,18	0,10	0,10	0,13	0,15	0,15
Notch		g	0,18	0,27	0,36	0,53	0,70	0,10	0,15	0,20	0,20	0,30
		h	0,08	0,08	0,10	0,10	0,13	0,08	0,08	0,10	0,10	0,13
Deburring area		Deviations from the round cross section are permissible if the flattening has a smooth transitions into the round surface and ds is maintained										
Flow lines (radial elongation in not permissible)		j	0,05 x di or (1)					0,03 x di or (1)				
		k	1,50	1,50	6,50	6,50	6,50	1,50	1,50	5,00	5,00	5,00
Recesses, distortion		l	0,60	0,80	1,00	1,30	1,70	0,15	0,25	0,40	0,63	1,00
		m	0,08	0,08	0,10	0,10	0,13	0,08	0,08	0,10	0,10	0,13
Foreign particles		Not permissible										

(1) Depending on which value is larger